

Abstract Of The Disclosure

A protective layer [(7)] which is relatively permeable for CO₂ and relatively impermeable for SO₂ is designed so as to yield a reduced penetration time for CO₂ molecules. The protective layer [(7)] is composed of a gas-permeable carrier [(10)] made of a material which is resistant to sulfuric acid media such as SO₂ and SO₃, has a surface [(8)] that can be exposed to a gas and is provided with an oxidizing agent whose oxidation potential is sufficient to oxidize SO₂.

10 [(Figure 1)]